



REVA
UNIVERSITY
Bengaluru, India

Detect,
Manage & Mitigate
CYBER RISKS

PGD / M.Tech. in **CYBERSECURITY**

Powered by **AforeCybersec**

in Association with **IBM**

www.race.reva.edu.in



AforeCybersec

Securing The World Ahead



IBM Software Lab for
Emerging Technologies

Initiative of the Career Education Program



In collaboration with
REVA University, Bengaluru



BE FUTURE READY WITH ENHANCED SECURITY

DEMAND FOR CYBERSECURITY PROFESSIONALS OUTPACES SUPPLY

According to NASSCOM estimates, India needs one million cybersecurity professionals by 2020. Cybersecurity Ventures reports that there will be 3.5 million unfilled cybersecurity jobs by 2021, up from 1 million openings last year. The 2017 ISACA survey found that 45 percent of organizations out of 2,290 members in 121 countries reported they are hiring more cybersecurity professionals, but 94 percent say it will prove difficult to find skilled candidates. The impetus of this program is to cater to this worldwide rise in demands for highly skilled cybersecurity professionals.

PROGRAM BENEFITS

- Learn from real-life scenarios using **Cyber Range & Security Operations Centre (SOC)**.
- Industry certifications from **IBM**.
- Industry Leaders as faculty.
- Labs equipped with latest tools and technologies.
- 24/7 online support with resources, communities and interactions.
- Networking opportunities with industry leaders and professionals
- Weekend contact classes - designed for working professionals.
- Lateral placement assistance.

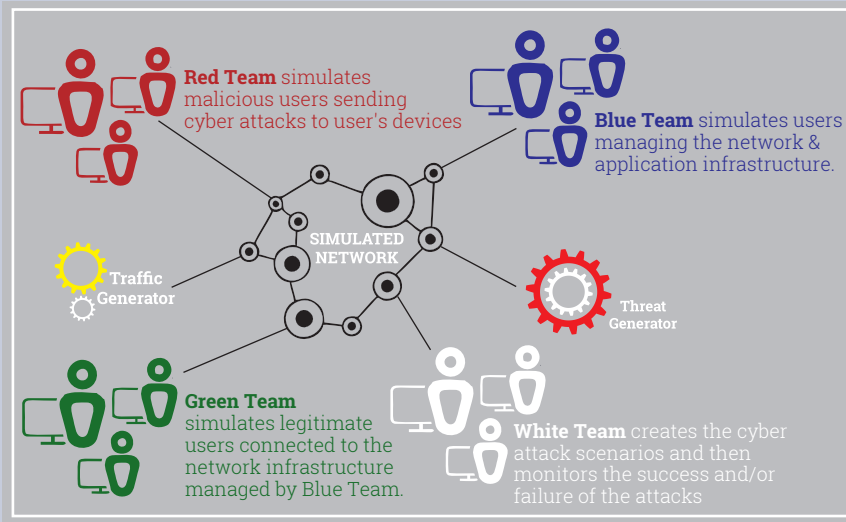
WHY STUDY CYBERSECURITY?

- Rise in global demand for skilled professionals.
- Cyber experts are needed in every industry & Sector.
- Most highly waged among IT professionals
- A profession with room for rapid career growth.
- Interesting, challenging and extremely dynamic work.
- A job with higher purpose and honour.



CYBER RANGE

Powered by AforeCybersec, Cyber Range systems, an infrastructure for Cyber Defence, simulates scenarios that prepare participants to manage the cybersecurity environment of corporate, military and government organizations. Cyber Range exercise is composed of multiple teams and each team is placed in a compartmentalized space that will reproduce a realistic enterprise network environment.



PROGRAM HIGHLIGHTS

CYBER-ATTACK SCENARIOS

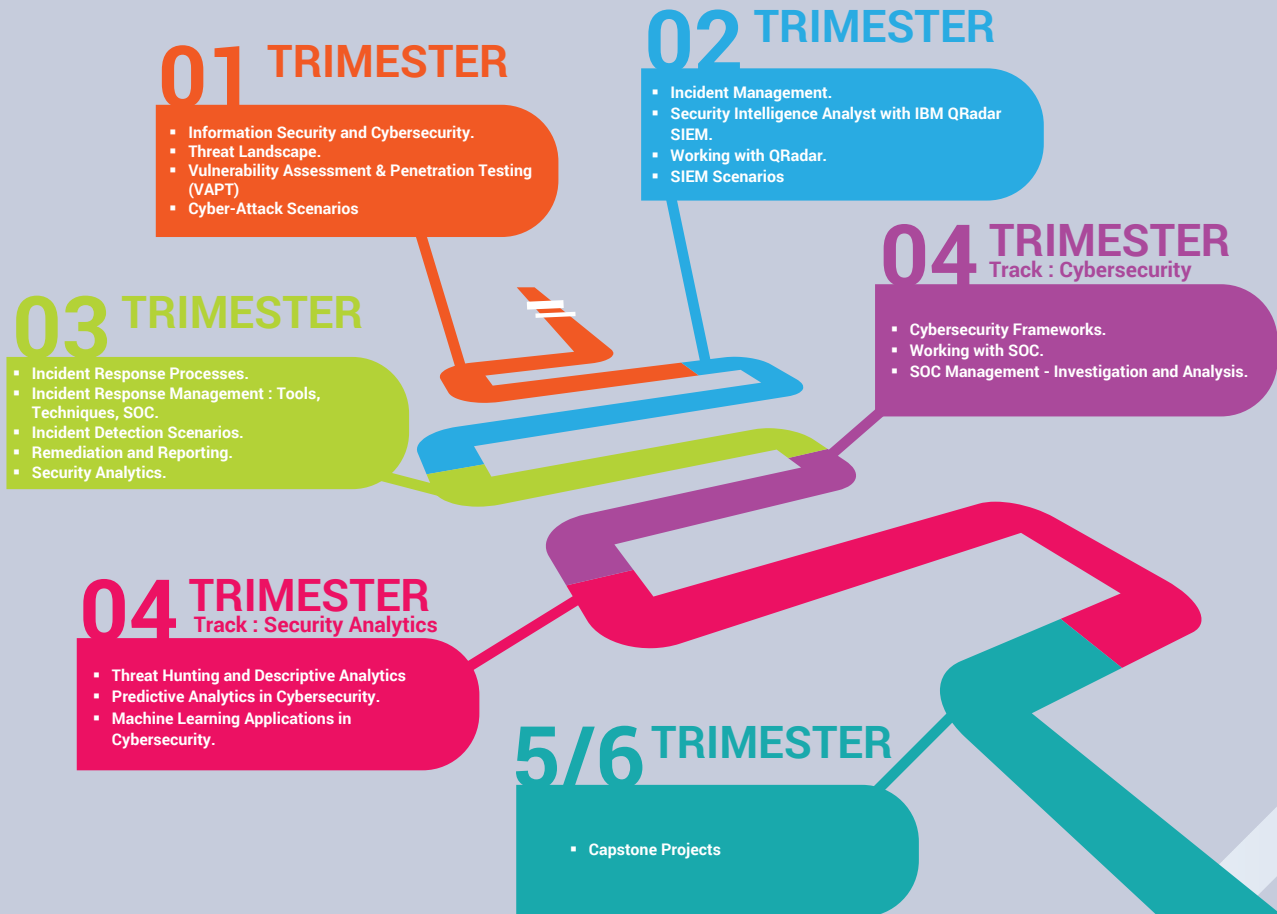
-  Data Leakage
-  Malicious Websites
-  Botnet Communications
-  Newly Emerging and Known Malwares

SECURITY OPERATIONS CENTER (SOC)

Participants will get access to Security Operations Centre (SOC), a live facility where the real-world simulation of an organization's enterprise information systems, including websites, data centre, servers, applications and other network platforms are monitored, assessed and protected from potential cyber threats.



PROGRAM STRUCTURE



PGD in Cybersecurity (One Year) | M.Tech in Cybersecurity (Two Years)

WHO CAN APPLY?

- Two plus years of work experience in IT.
- 55 percent marks in BE/BTech/BCA/ME/MTech/MCA.
- Selection of the candidates are based on personal interviews.

CONTACTS

ADMISSIONS

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PROGRAM OFFICE

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